

**To:** Knightes, Chris[Knightes.Chris@epa.gov]  
**From:** Johnston, JohnM  
**Sent:** Wed 8/12/2015 2:43:03 AM  
**Subject:** FW: Exposure modeling --Animas River  
Proposed Exposure Modeling Animas River Mine Waste Spill vs 2.docx

Hey Chris -- Thanks for helping with the response to the request for technical assistance. It appears to be a priority with Jennifer.

We will see where this goes. They are aware the time commitment needed for quick turnaround is likely to impact your HF commitments. Is the SAB meeting still planned for October?

I haven't seen indications of fish kills in the news yet. Perhaps they just haven't been found.

**From:** Sullivan, Kate  
**Sent:** Tuesday, August 11, 2015 5:58 PM  
**To:** Watkins, Tim; Garland, Jay  
**Cc:** Brunson, Gerald; Johnston, JohnM; Orme-Zavaleta, Jennifer  
**Subject:** Exposure modeling --Animas River

We've been asked to suggest what ERD might bring to this event in the form of exposure modeling. Tim sent us the sampling data and brief write-up from David Ostrander as background.

I sat with Chris Knightes and Craig Barber (with additional discussion with Steve Kraemer if there are drinking well issues) on what we would suggest.

I captured all the thinking in a couple of pages that serves as a brief proposal if you want to take something on, expert thinking, etc. Also, input on data collection if the agency would like to inform an exposure analysis. Let us know if you want us to do anything.

Kate Sullivan, Ph.D.

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